

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	65	substrate and nano\$ and (matrix with oxidati\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:36
L16	39	15 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:37
L17	37	16 and (energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:29
L18	2	17 and gibb\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:39
L19	2	17 and (partial adj oxidation)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:40
L20	2	17 and (partial adj oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:40
L22	30	17 and chamber and (evaporat\$3 or vapor\$8 or ablat\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:32
L23	30	22 and deposit\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:33
L24	30	23 and (nickel or platinum or aluminum or magnesium or iron)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:36
S1	52	(chamber and (matrix\$3 adj material) and (nanodot or nano-dot or (nano adj dot) or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and substrate and (plasma or vapor\$3 or evapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:12
S2	17	"5113473"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S3	218	(chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S4	32	narayan-jagdish.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43

S5	4	tiwari-ashutosh.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S6	34	S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S7	1	S6 and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S8	1	"EP 977182"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S9	1	S6 and (chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S10	17	"5113473"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S11	10	"5505996"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S12	2	S2 and (chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S13	10	S3 and (matrix adj material) and ((nano\$3 or nanostructure or nano-structure or nanocomposit\$3) near2 material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S14	42	S1 not (S2 S6 S7 S8 S9 S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:20
S15	41	S14 and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S16	4	S15 and "Gibb"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:54
S17	26	(S15 not S16) and (method or process) and target	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:55
S20	5	S17 and mole	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:59

S21	21	S17 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:09
S22	15	S15 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:10
S24	264	(chamber and matrix\$3 and (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and substrate and (plasma or vapor\$3 or evapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:32
S25	212	S24 not (S1 S2 S6 S7 S8 S9 S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:20
S26	26	S14 and oxygen and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:15
S29	14	S26 and chamber.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:23
S30	12	S26 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:26
S31	212	S25 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:27
S32	169	S31 and oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:27
S33	150	S32 and (monolayer or mono-layer or (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:40
S34	150	S33 and react\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:28
S35	119	S34 and target	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:29
S36	114	S35 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:29

S40	9	S36 and ((free adj energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:32
S41	59	S36 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3 or nano-layer or (nano adj layer) or nanolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:31
S42	59	S41 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structur\$3 or (nano adj structur\$3) or nano-material or (nano adj material) or nano-composit\$3 or (nano adj composit\$3) or nano-layer or (nano adj layer) or nanolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:13
S45	31	S41 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structur\$3 or (nano adj structur\$3) or nano-material or (nano adj material) or nano-composit\$3 or (nano adj composit\$3) or nano-layer or (nano adj layer) or nanolayer)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:14
S48	31	S45 and oxygen and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:16
S50	31	S48 and (ablat\$3 or evaporat\$3 or vapor\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:26
S53	28	S42 not S50	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:26
S54	222	((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3 or nano-layer or (nano adj layer) or nanolayer)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:31
S55	8	S54 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:32
S56	19	(S54 not S55) and (monolayer or mono-layer or (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:57
S57	195	S54 not (S55 S56)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:57
S58	8	S57 and (matrix adj material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:58
S59	1	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and ((free adj energy) with oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:22

S60	4	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and (energy with oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:24
S61	307	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:31
S62	169	S61 and matrix and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:25
S63	103	S62 and oxidat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:25
S64	80	S63 and (substrate and chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:28
S65	73	S64 and (monolayer or mono-layer or (mono adj layer) or monodisper\$3 or mono-disper\$3 or (mono adj disper\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:29
S66	15	S61 and gibb\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:13
S67	1	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:33
S68	72	S65 not S66	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:14
S69	72	S68 and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S70	69	S68 and (nickel or platinum or aluminum or magnesium or iron)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S71	61	S70 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S72	2	S71 and (deposit\$3 with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:18

S73	59	(S71 not S72) and (evaporat\$3 or vapor\$3 or vapor\$2t\$3 or ablat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:19
S74	57	S73 and oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:20
S75	57	S74 and react\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:20
S76	55	S75 and apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:22
S77	55	S76 and deposit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:25
S78	8	(US-20040026682-\$ or US-20040036130-\$ or US-20040119064-\$ or US-20040168626-\$ or US-20040146560-\$ or US-20020123227-\$).did. or (US-6794265-\$ or US-6882051-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/13 12:26
S79	55	S77 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:27
S80	2	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix and gibb\$3 and energy and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:13
S81	3	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix and gibb\$3 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:35
S82	25	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:35
S83	22	S82 not (S59 S60 S67 S66 S72 S77 S78 S79 S80 S81)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:36
S84	4	"6218301"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:53
S85	9	("5332691"   "5436200"   "5976975"   "5990007"   "6008128"   "6030893"   "6037263"   "6069094"   "6107197").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/13 12:56
S86	3	("6218301").URPN.	USPAT	OR	ON	2005/09/13 12:57
S87	2	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and oxidat\$4 and (Gibb\$3 with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:34

S88	146	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and oxidat\$4 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:36
S89	3	S88 and gibb\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:35
S90	14	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:37
S91	10	S90 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:38
S92	4	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and energy and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:22
S93	4	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 15:37
S94	3	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 18:29
S95	2	("2004/0146560").URPN.	USPAT	OR	ON	2005/09/19 18:26
S96	18	((("6165555") or ("20020049389") or ("6693790") or ("20010042512") or ("6558736") or ("6015465") or ("5609721") or ("5580822") or ("5420043") or ("2704728") or ("5650361") or ("6376340") or ("4402994") or ("6107197") or ("6218301"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/09/19 18:28
S99	2	S96 and nano\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 11:09